

Title (en)

A FIREPLACE AND A METHOD FOR THE SECONDARY AIR SUPPLY OF A FIREPLACE

Title (de)

HEIZOFEN UND VERFAHREN FÜR DIE SEKUNDÄRLUFTZUFUHR EINES HEIZOFENS

Title (fr)

CHEMINÉE ET PROCÉDÉ POUR L'ALIMENTATION EN AIR SECONDAIRE D'UNE CHEMINÉE

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Application

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Abstract (en)

[origin: WO2021116538A1] The invention relates to a fireplace (10), which includes a firebox (12) for a fuel charge (60), an intake air duct (17) for leading primary air to the firebox (12), a grate (20) for supporting the fuel charge (60), wherein the grate (20) includes intake air openings (21) for leading primary air from the intake air duct (17) to the firebox (12), a secondary air duct (30) for leading secondary air to the firebox (12) from a second end (32) to a first end (31) of the secondary air duct (30), and a secondary air limiter (22) arranged to form a regulating element (18) in the firebox (12) for regulating the flow of secondary air that leaves the secondary air duct (30). In addition, the secondary air limiter (22) is arranged to be mobile as a result of the effect of the mass of the fuel charge (60) placed on the grate (20) and arranged to use the regulating element (18) in such a way that when the mass of the fuel charge (60) placed on the grate (20) is reduced, the secondary air limiter (22) closes limiting the flow of secondary air to the firebox (12). The invention also relates to an arrangement for a fireplace and a method for the supply of secondary air of a fireplace.

IPC 8 full level

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